

Converting Colors

CIELCh(43, 77.266, 340.884)

Have a look what the booklet for
CIELCh(43, 77.266, 340.884)
contains.

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Color

CIELCh(43, 77.273, 340.785)

Conversions

Conversions Part 1

Format	Color
Hex	BF0191
RGB	191, 1, 145
RGB Percent	75%, 0%, 57%
CMY	0.2503, 0.9979, 0.4308
CMYK	0.00, 1.00, 0.24, 0.25
HSL	314°, 99%, 38%
HSV	314°, 100%, 75%
XYZ	26.6551, 13.1578, 27.9820
YIQ	74.2260, 67.0160, 85.0640

Conversions

Conversions Part 2

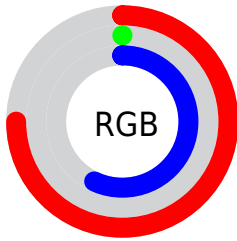
Format	Color
RYB	191, 1, 145
Decimal	12517777
CIELab	43.00, 72.97, -25.43
CIELCh	43, 77.273, 340.785
Yxy	13.1578, 0.3932, 0.1941
Android (android.graphics.Color)	4290707857 (0xFFBF0191)
YUV	74.2260, 34.8916, 102.4108
Hunter-Lab	36.2736, 67.6892, -20.3456

Details

The CIELCh color **43, 77.273, 340.785** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **68, 88.645, 139.518**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 77.132, 340.737**, and **29, 57.360, 343.434** is the 20% darker color. If you saturate the color by 10%, you get **43, 77.290, 340.824**, and if you desaturate by 10%, it is **44, 76.326, 339.441**.

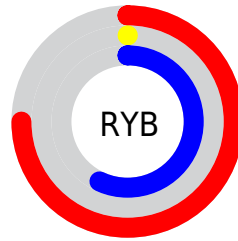
Distribution



Red (75%)

Green (0%)

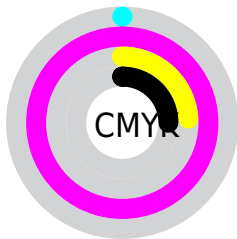
Blue (57%)



Red (75%)

Yellow (0%)

Blue (57%)

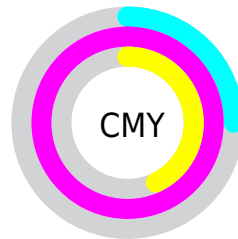


Cyan (0%)

Magenta (100%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (100%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 77.273, 340.785 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 43, 77.273, 340.785 by changing the saturation by 10% instead.

 43, 77.273,
340.785


 43, 77.273,
340.785

 100, 77.273,
340.785


 33, 77.273,
340.785

 63, 77.273,
340.785


 23, 77.273,
340.785

 73, 77.273,
340.785

 13, 77.273,
340.785

 83, 77.273,
340.785

 3, 77.273, 340.785

 93, 77.273,
340.785

 0, 77.273, 340.785

 43, 77.273,

 43, 77.273,

340.785

340.785

■ 43, 77.290,
340.824

■ 44, 76.326,
339.441

■ 45, 73.387,
338.273

■ 48, 68.151,
337.260

■ 51, 60.910,
336.354

■ 54, 52.127,
335.522

■ 58, 42.295,
334.742

■ 63, 31.847,
334.003

■ 68, 21.119,
333.296

■ 72, 10.353,
332.611

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43, 77.273, 340.785



68, 88.645, 139.518

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43, 77.273, 340.785



43, 77.273, 30.785



43, 77.273, 160.785



43, 77.273, 210.785

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43, 77.270, 340.785



79, 39.625, 334.058



25, 105.532, 307.539



40, 27.201, 334.370



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 77.270, 340.785



56, 93.549, 341.078



40, 71.779, 24.061



37, 5.973, 332.586



35, 67.317, 340.599



3, 16.945, 336.477

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43, 77.270, 340.785



56, 93.549, 341.078



69, 54.494, 164.615



37, 5.973, 332.586



35, 67.317, 340.599



3, 16.945, 336.477

Previews

White Background



This preview shows how the CIELCh color 43, 77.273, 340.785 looks on a white background.

Color Contrast Check

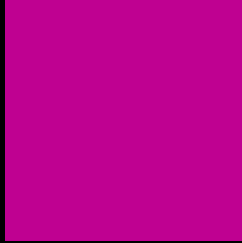
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 43, 77.273, 340.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

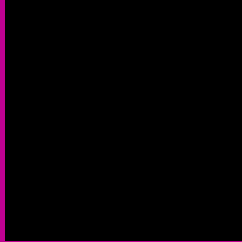
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 77.273, 340.785

Background



This preview shows how black text looks on a background with the CIELCh color 43, 77.273, 340.785.



This preview shows how white text looks on a background with the CIELCh color 43, 77.273, 340.785.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43, 77.166, 340.797

Protanopia

44, 63.447, 287.548

Deuteranopia

44, 20.417, 288.045



Tritanopia
44, 58.470, 28.464

Trichromacy



Original Color
43, 77.166, 340.797



Protanomaly
37, 72.990, 305.348



Deuteranomaly
39, 49.439, 323.813



Tritanomaly
42, 61.462, 6.306

Monochromacy



Original Color
43, 77.166, 340.797



Achromatopsia
31, 0.005, 296.813



Achromatomaly
31, 41.135, 336.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 77.273, 340.785 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 1, 145)` looks like.

```
.text, #text, p{  
    color:rgb(191, 1, 145)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 1, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 1, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 77.273, 340.785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 1, 145) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(191, 1, 145) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(191, 1, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 1, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 1, 145);  
box-shadow:4px 4px 4px 4px rgb(191, 1,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 77.273, 340.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 1, 145) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191, 1,  
145) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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